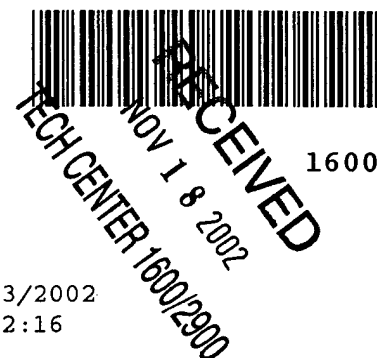


#5 1648



RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/857,917

DATE: 11/13/2002
 TIME: 14:32:16

Input Set : A:\20342 SEQUENCE LISTING.TXT
 Output Set: N:\CRF4\11132002\I857917.raw

4 <110> APPLICANT: Merck & Co., Inc.
 6 <120> TITLE OF INVENTION: NEUTRALIZING ASSAY USING HUMAN
 7 PAPILOMAVIRUS VIRUS-LIKE PARTICLES
 10 <130> FILE REFERENCE: 20342P
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/857,917
 C--> 13 <141> CURRENT FILING DATE: 2001-06-11
 15 <150> PRIOR APPLICATION NUMBER: 60/113,388
 16 <151> PRIOR FILING DATE: 1998-12-23
 18 <160> NUMBER OF SEQ ID NOS: 10
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 35
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Probe
 30 <400> SEQUENCE: 1
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 34 <211> LENGTH: 47
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: PCR primer
 41 <400> SEQUENCE: 2
 42 ctcagatctc acaaaacaaa atgtctcttt ggcgtgctat gtaggcc
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 35
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: PCR primer
 52 <400> SEQUENCE: 3
 53 gagagatctt acagcttacg ttttttgcgt ttagc
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 57 <212> TYPE: DNA
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: PCR primer
 63 <400> SEQUENCE: 4
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 66 <210> SEQ ID NO: 5

ENTERED

35

47

35

45

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Input Set : A:\20342 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\11132002\I857917.raw

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67 <211> LENGTH: 33
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
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86 tagggttagg cgttttgc 18
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89 <211> LENGTH: 18
90 <212> TYPE: DNA
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93 <220> FEATURE:
94 <223> OTHER INFORMATION: PCR primer
96 <400> SEQUENCE: 7
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99 <210> SEQ ID NO: 8
100 <211> LENGTH: 16
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: PCR primer
107 <400> SEQUENCE: 8
108 ccatagagcc caccgc 16
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 16
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
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116 <223> OTHER INFORMATION: PCR primer
118 <400> SEQUENCE: 9
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121 <210> SEQ ID NO: 10
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123 <212> TYPE: DNA
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126 <220> FEATURE:
127 <223> OTHER INFORMATION: Reporter gene based on Beta-lactamase gene
129 <400> SEQUENCE: 10
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132 ggagttccgc gttacataac ttacggtaaa tggcccgcct ggctgaccgc ccaacgaccc 180

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136	tgcccagtag	atgaccttat	gggactttcc	tacttggcag	tacatctacg	tattagtcac	420
137	cgctattacc	atgggtgatgc	ggttttggca	gtacatcaat	gggcggtggat	agcggtttga	480
138	ctcacgggga	tttccaagtc	tccaccccat	tgacgtcaat	gggagtttgt	tttggcacca	540
139	aaatcaacgg	gacttttcaa	aatgtcgtaa	caactccgcc	ccattgacgc	aaatgggagg	600
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144	gttttccaat	gatgagcact	tttaaagtgc	tgctatgtgg	cgcgggtatta	tcccgatttg	900
145	acgcccggca	agagcaactc	ggtcgccgca	tacactattc	tcagaatgac	ttgggtgagt	960
146	actcaccagt	cacagaaaag	catcttacgg	atggcatgac	agtaagagaa	ttatgcagtg	1020
147	ctgccataac	catgagtgat	aacactgcgg	ccaacttact	tctgacaacg	atcggaggac	1080
148	cgaaggagct	aaccgctttt	ttgcacaaca	tgggggatca	tgtaactcgc	cttgatcggt	1140
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159	aagggggagg	attgggaaga	caatagcagg	catgctgggg	atgcggtggg	ctctatgg	1798

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VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

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